

# INTERNATIONAL SEARCH REPORT

International Application No

PC 171B2004/003573

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 H04L29/06 H04L29/14

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/191831 A1 (HU WEI ET AL) 9 October 2003 (2003-10-09)	1-3, 19-21, 24, 28
Y	abstract  paragraph '0007! paragraph '0050! - paragraph '0072! paragraph '0083! - paragraph '0096!	4-18, 22, 23, 34
X	US 5 917 537 A (LIGHTFOOT ET AL) 29 June 1999 (1999-06-29)	21, 25, 26
Y	abstract column 5, line 48 - column 15, line 39 ----- -/--	34

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*G\* document member of the same patent family

Date of the actual completion of the international search

1 July 2005

Date of mailing of the international search report

19. 07. 2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Peeters, D

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	"Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); IP Multimedia Call Control Protocol based on SIP and SDP; Stage 3 (3GPP TS 24.229 version 5.5.0 Release 5); ETSI TS 124 229" ETSI STANDARDS, EUROPEAN TELECOMMUNICATIONS STANDARDS INSTITUTE, SOPHIA-ANTIPO, FR, vol. 3-CN1, no. V550, June 2003 (2003-06), XP014008077 ISSN: 0000-0001	27, 29-33
Y	paragraph '5.2.2!  paragraph '5.3.1.2! - paragraph '5.3.1.3! paragraph '5.4.1.2.1! - paragraph '5.4.1.2.2! -----	4-18, 22, 23, 34
A	"Interoperability Specifications (IOS) For cdma2000 Access Network Interfaces" TIA/EIA INTERIM STANDARD, 'Online! December 2000 (2000-12), page 01-04, I-XVI, 236-239, 729-730, XP002334151 Retrieved from the Internet: URL: <a href="http://www.tiaonline.org/standards/sfg/imt2k/cdma2000/TIA-EIA-IS-2001.pdf">http://www.tiaonline.org/standards/sfg/imt2k/cdma2000/TIA-EIA-IS-2001.pdf</a> 'retrieved on 2005-06-30! page 236, paragraph 4.1 - page 239 page 729, paragraph 6.2.2.61 - page 730 -----	27, 29, 30

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International application No.  
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### Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
  
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
  
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

### Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

see additional sheet

1. ☒ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☒ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-26, 34 when dependent on 19-25

A method, network element, user equipment and system for sending an error message in dependence on the type of a first message.

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2. claims: 27-33, 34 when dependent on 30-33

A method, network element and system for determining a type of registration.

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB2004/003573

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2003191831 A1	09-10-2003	AU 2003225991 A1	27-10-2003
		CA 2481326 A1	23-10-2003
		EP 1493261 A2	05-01-2005
		WO 03088621 A2	23-10-2003
US 5917537 A	29-06-1999	US 5682325 A	28-10-1997
		US 5740075 A	14-04-1998
		US 5621728 A	15-04-1997
		US 5748493 A	05-05-1998